

OPT-PRO-PTZ- Series

IP Bullet Network Camera

SYSTEM OVERVIEW

OPTOKON Pro Bullet PTZ cameras are a specific type of security camera that combines the features of bullet cameras and PTZ (Pan-Tilt-Zoom) cameras. They are commonly used in surveillance systems and provide flexible monitoring capabilities. Here are some key characteristics and features of bullet PTZ cameras:

Pan-Tilt-Zoom Functionality: Bullet PTZ cameras can rotate horizontally (pan), vertically (tilt), and zoom in and out. This allows for a wide range of coverage and the ability to track moving objects or individuals.

Remote Control: These cameras can be controlled remotely, either manually or through programmed presets. Users can adjust the camera's viewing angle, pan and tilt it, and zoom in or out using a control panel or software interface.

High-Quality Imaging: Bullet PTZ cameras often feature high-resolution image sensors, providing clear and detailed video footage. They may also have advanced image processing technologies such as wide dynamic range (WDR) or infrared (IR) capabilities for enhanced visibility in challenging lighting conditions.

Long-Distance Monitoring: With their zoom capabilities, bullet PTZ cameras can capture distant objects or areas with greater detail. This makes them suitable for applications where long-range monitoring is required, such as parking lots, perimeters, or large outdoor areas.



- 4X Optical Zoom AutoFocus lens
- Lens:Autofocus Lens 2.8-12mm
- IR Led:4pcs Array IR Led IR Range: 80m
- Support more than 20 languages & Mobile Phone View&Free CMS
- DDNS&Motion Detection
- Power: DC12V. POE optional

Environmental

Weatherproof and Durable: Many bullet PTZ cameras are designed to withstand harsh environmental conditions. They are often rated with an IP66 or higher weatherproof rating, which protects them from dust, rain, and extreme temperatures, allowing for reliable outdoor use. These cameras can be set to automatically track moving objects within their field of view. Additionally, users can define preset positions for the camera to rotate to, enabling them to quickly monitor specific areas or points of interest. OPTOKON Pro Bullet PTZ cameras can be integrated into larger surveillance systems, allowing for centralized management and control. They typically support various connectivity options, including Ethernet, Power over Ethernet (PoE), and sometimes wireless connections.

OPTOKON cameras' support for PoE and PoC technologies provides a cost-effective and flexible solution for surveillance system installations, with simplified construction and wiring, improved reliability, and reduced long-term operating costs.

TECHNICAL SPECIFICATION

Model No.		OPT -PRO-IPN5818	OPT-PRO-IPG5815	OPT-PRO-IPG5814
Camera Type		Motorized 4X Zoom Bullet PTZ IP Camera		
System		Embedded RTOS design		
Camera	Effective Pixels	8.0 Mega Pixels	5.0 Megapixels	4.0 Megapixels
		Main 3840*2160	Main 2880*1616	Main 2560*1440
		Sub 704*576	Sub 704*576	Sub 704*576
	Frames Rates	PAL:15fps (3840*2160)	PAL:25fps (2880*1616)	PAL:20fps (2560*1440)
		NTSC: 15fps (3840*2160)	NTSC: 25fps (2880*1616)	NTSC:20fps (2560*1440)
	Image Sensor	1/2.7" CMOS Sensor	1/2.7" CMOS Sensor	1/2.7" CMOS Sensor
		8 MP (3840H*2160V)	5 MP (2880H*1616V)	4 MP (2560H*1440V)
	DSP	Dual core 32-bit DSP	Dual core 32-bit DSP	Dual core 32-bit DSP
		NT98566	GK7205V300	GK7205V200
	Min. Illumination	Color 0.001Lux@F1.2	Color 0.01Lux@F1.2	Color 0.01Lux@F1.2
B/W 0.0001 Lux@F1.2		B/W 0.001 Lux@F1.2	B/W 0.01 Lux@F1.2	
Adjust Parameters	DWDR, BLC, DNR, AE, AGC, D&N, Mirror, Flip, etc.			
Video	Compression	H.265 Main profile	H.265 Main profile	H.265 Main profile
	Stream	Support dual stream, AVI format	Support dual stream, AVI format	Support dual stream, AVI format
	Bit Rate	Support 0.1M-8Mbps bit rate adjustable	Support 0.1M-8Mbps bit rate adjustable	Support 0.1M-8Mbps bit rate adjustable
	Frame Rates	Support 1-30fps adjust	Support 1-30fps adjust	Support 1-30fps adjust
Audio	Input & output	Optional		
	Compression	G.711 compression, support two-way audio intercom, support audio and video synchronized output		
Alarm	Types	Motion Detection, Video Blind, Video Loss		
Network	WEB Browser	Support WEB remote config(IE, Safari, Google Chrome, Firefox etc.)		
	Smart Phone	mobile remote Monitoring (iPhone, Android, etc.)		
	CMS Software	Uniform CMS Software(multiple devices management system)		
	Cloud P2P	www.optoeye.net OPTOEYE platform and other program, Offer SDK		
	Network	1*RJ45, 10/100M, Support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP/SMTP		
	ONVIF	Support (ONVIF 2.4)		

	POE	Support(optional)
	WIFI	N/A
General	Language	20 kinds of languages such as English, Finnish, French, German, Greek, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Thai, S-Chinese, T-Chinese and Turkish
	IR Cut Filter	Set of double light switch IR-CUT filter
	Lens Mount	4x Optical Motorized Zoom Autofocus Lens 2.8-12mm
	Infrared Luminary	4pcs Array IR LED
	Infrared Wavelength	850nm
	Illuminate Distance	40m
	Waterproof Criterion	IP 67
	I/O Connector	1*DC Connector, 1*RJ45(10/100M Network)
	Supplied Voltage	DC12V/PoE(802.3af/820.3at)
	Power Consumption	IR On: 600mA max., IR Off: Less than 200mA
	Working Environment	-10 degree to +60 degree, 10%-90% (Built in Heater being optional added for environment lower than -20 degree)
	Weight	1.5kg